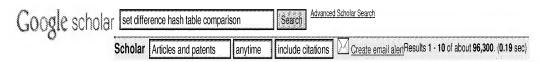
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### Perfect hashing functions: a single probe retrieving method for static sets

R Sprugnoli - Communications of the ACM, 1977 - portal acm.org

... If D is the **set** of divisors of some **difference** wj - w~ (j > i), condition (3.1) is verified if and only if M ~ D. In what follows, we suppose M ~ D if not otherwise stated. We are interested in obtaining remainder reduction perfect **hashing** function of the form: ...

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#### Informed content delivery across adaptive overlay networks

... J Considine, M Mitzenmacher, S Rost - ... /ACM Transactions on ..., 2004 - leeexplore.leee.org

... since the key space can always be transformed by applying a (pseudo)random hash function. ...
Using approximate methods, we can reconcile a constant fraction of the set differences using a message of ... Table I gives a high-level comparison of the various approaches we discuss ...

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#### [PDF] CHARM: An efficient algorithm for closed itemset mining

MJ Zaki, CJ Hsiao - 2nd SIAM International Conference on Data Mining, 2002 - Citeseer ... 3) It uses a fast hash-based approach to eliminate non-closed itemsets during subsumption ... Finally,

CHARM uses simple **set difference** (or intersection) operations, and requires no complex internal data ... a tidset Y , we denote its corresponding itemset as i(Y), ie, the **set** of items ...

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### A resource-allocating network for function interpolation

J Platt - Neural Computation, 1991 - MIT Press

... The RAN was tested on a particular chaotic time series created by the Mackey-Glass delay-**difference** equation ... The hierarchical k-means network was formed with three **sets** of centers: k-means was run separately for 75 ... **Table** 2: **Comparison** between RAN and **hashing** B-splines ...

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### Network applications of bloom filters: A survey

A Broder, M Mitzenmacher - Internet Mathematics, 2004 - akpeters.metapress.com

... For moderate-sized and more robust peer-to-peer systems of hundreds of nodes, Bloom filters may provide an attractive alternative for locating objects over distributed **hash tables**. ... 02a], except that their goal is to find the **set** intersection instead of the **set difference** Page 15. ...

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### [PDF] An empirical comparison of seven programming languages

L Prechelt - Computer, 2000 - Citeseer

... The Rexx programs can be made to run about four times faster by recompiling the Regina interpreter to use a larger hash table size; the additional memory ... There is no significant difference between the average Java and script runtimes. ... Initialization phase only, z0 data set. ...

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## New hash functions and their use in authentication and set equality

MN Wedman, JL Carter - Journal of computer and system sciences, 1981 - Elsevier ... DIFF(S S2)Assigns S, to be the symmetric difference of S, and S2. ... Associated with 571 22 32 276 WEGMAN AND CARTER each abbreviation, there must be a list of the set names which ... Of course, we store the abbreviations (and their corresponding lists) in a hash table. ...

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muni.cz (POF)

#### Space/time trade-offs in hash coding with allowable errors

BH Bloom - Communications of the ACM, 1970 - portal acm.org

... practical applications, this reduction in hash area size may make the difference between maintaining ... to eliminate the influence of the size of the given set of messages ... I. SUMmARr OF EXPECTED PERFORMANCE OF HYPHEN- ATION APPLICATION OF HASH CODING USING ...

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#### [PDF] Geometric hashing: A general and efficient model-based recognition scheme

Y Lamdan, HJ Wolfson - Second International Conference on .... 1988 - cs.utexas.edu ... 1. Its major advantage is the independence between the model processing stage (hash-table prepara-tion ... The only difference from one transformation to another is the number of features (points ... Preprocessing of model objects For each model object : A) Extract a set of interest ...

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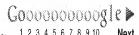
utexas.edu [PDF]

## Model-based object recognition by geometric hashing

H Wolfson - Computer Vision-ECCV 90, 1990 - Springer

... The basic difference between the methods is in their algorithmic approach. ... an exhaustive enumeration is applied over all the possible pairings of minimal sets of model and ... the recognition stage is significantly sped up by using the previously prepared hash-table which encodes ... Cited by 131 - Related articles - All 3 versions





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